

19981012.qrp v01_n242.qrs.981012

Date: Mon, 12 Oct 1998 19:03:13 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1242

QRP-L Digest 1242

Topics covered in this issue include:

- 1) [22076] Web Page
by Bob Hightower <ki7mn@extremezone.com>
- 2) [22077] 10M MOBILE AM QSO
by Mike Duke <K5xu@cris.com>
- 3) [22078] extra rigs FS
by "Beaks" <beaks@westco.net>
- 4) [22079] EEPOTs
by Tracy@bytemark.com (Tracy)
- 5) [22080] Re: Resonat speakers
by Lou Martin <lmartin@uswest.net>
- 6) [22081] Why 40/20/6m ? (Re: MIZUHO PRICES....(AMERICAN) ...)
by Masayuki Uchida <muchida@postman.riken.go.jp>
- 7) [22082] FOX: de Fox #3 - WA8GHZ - Tuesday Op & Freq. Info
by JFD / WA8GHZ /5 <jdougher@wt.net>
- 8) [22083] SW30+/Rainbow Pass Moto-QRP Field Test!!
by "Doug Hauff" <slmachco@fix.net>
- 9) [22084] Re: FOX: de Fox #3 - WA8GHZ - Tuesday Op & Freq. Info
by hsilver@pyx.net
- 10) [22085] Re: Steam-Powered Radio
by wb2vuo@juno.com (W. K. Hibbert)
- 11) [22086] Thanks!!! Good info...
by "Tim Cook" <timcook@erinet.com>
- 12) [22087] FOX: WQ8RP and RIT
by Hank Kohl K8DD <k8dd@contesting.com>
- 13) [22088] Re: Zombie T-Shirt
by Erv <kb8tnq@voyager.net>
- 14) [22089] RE: Bring books - JOY & HISTORY ?
by Adrian Weiss <aweiss@usd.edu>
- 15) [22090] Price help
by David Kidd <ka7ozo@pacifier.com>
- 16) [22091] RE: regenerative rx with optocoupler
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 17) [22092] Want NCG 7/21/50, Re: Why 40/20/6m ?, and first impressions: HT-750
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 18) [22093] Re: MIZUHO
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 19) [22094] Bruce Muscolino, W6TOY is home and improving

- by "Paulette Quick, WB9VHF" <wb9vhf@globaldialog.com>
- 20) [22095] Edmund Scientific Response
by Larry Jones <ljones@flash.net>
- 21) [22096] Pacificon Week is HERE!!
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 22) [22097] SMALL ENGINE (for use with generator?)
by ARDUJENSKI@aol.com
- 23) [22098] Adding Memory to the NC20 Keyer Chip
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 24) [22099] Ts570'D/G' and Pro-2050 for sale
by Scott Howell <showell@hq.nasa.gov>
- 25) [22100] RE: Sierra audio problem
by "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
- 26) [22101] Gobble,Gobble
by Fred Lesnick <flesnick@tbaytel.net>
- 27) [22102] Re: I got my Extra!
by travis@campbellsci.com (Gary Travis Roberts)
- 28) [22103] Re: [50MHz] Re: What rig?
by "Caitlyn M. Martin" <cait.martin@ibm.net>
- 29) [22104] KnightLite's Net Summary Oct 11, 1998
by Paul Stroud <aa4xx@ipass.net>
- 30) [22105] QRP peace and serenity
by "Randy Moore" <wr.moore@worldnet.att.net>
- 31) [22106] Key Identification ?
by w4bld@juno.com
- 32) [22107] Youth on the air
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 33) [22108] Punch tools
by Robert Tellefsen <n6wg@earthlink.net>
- 34) [22109] RE: Gobble,Gobble
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 35) [22110] I missed the next Fox annnc.
by travis@campbellsci.com (Gary Travis Roberts)
- 36) [22111] Re: SMALL ENGINE (for use with generator?)
by KB90CE@aol.com
- 37) [22112] Re: SMALL ENGINE (for use with generator?)
by W7LS <w7ls@blarg.net>
- 38) [22113] Pacificon - Another (almost) Freebie (LONG)
by Brian Kassel <bkassel@dancris.com>
- 39) [22114] Re: Key Identification ?
by Dick Blaney <wb8mhe@bright.net>
- 40) [22115] Want to meet: Denver QRP'ers
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 41) [22116] Re: SMALL ENGINE (for use with generator?)
by "James A. Carmody" <carmodyjim@earthlink.net>
- 42) [22117] AR-QRP Net Schedule
by Robsparks@aol.com
- 43) [22118] Re: The World of QRP--Division or Unification?

by Jim Glover <psykey@okcforum.org>
44) [22119] PIXIE LM386 Supply Voltage Dropping Resistor. Why?
by Sam Billingsley <SBillingsley@usaninc.com>
45) [22120] HB PCBs
by jim nestor <nestoji@home.com>
46) [22121] Re: Youth on the air
by Mike - W0TMW <crucis@sky.net>
47) [22122] Are these Kits still around?
by "Jim Fielden" <fielden@utkux.utcc.utk.edu>
48) [22123] PCB drilling demystified...
by "Radman" <radman@best.com>
49) [22124] RE: PIXIE LM386 Supply Voltage Dropping Resistor. Why?
by Sam Billingsley <SBillingsley@usaninc.com>
50) [22125] Re: HB PCBs
by "Radman" <radman@best.com>
51) [22126] Re: Youth on the air
by Bob Patten <n4bp@bc.seflin.org>
52) [22127] NorCal 40A Help
by "Ron Polityka" <wb3aal@talon.net>
53) [22128] Re: using whip ant's as dipole
by Sachsarch@aol.com
54) [22129] Re: SMALL ENGINE (for use with generator?)
by "KE6VHM Frank" <ke6vhm@earthlink.net>
55) [22130] LM386 question
by "Allan (Grant) Taylor" <k7gt@qsl.net>
56) [22131] Extra rigs FS--thanks
by "Beaks" <beaks@westco.net>
57) [22132] Update: Norcal 20 10K 10-turn Pot Group Buy
by "Jerry McCollom W0MC" <w0mc@hotmail.com>
58) [22133] Re: QRP++ HELP
by "Stuart B.D. Hunt" <stuart001@ameritech.net>
59) [22134] What is this component ???
by barry.p.keating.1@nd.edu
60) [22135] Butterflies/Pacificon and winds of change...
by Ed Loranger <we6w@qsl.net>
61) [22136] R U There?
by "Laurent C. Lafond" <aa1qj@loa.com>
62) [22137] 2 meter cw rigs
by wctrautfield@west.raytheon.com
63) [22138] Re: 2 meter cw rigs
by Dave Sjolín <sjolin@swbell.net>

Date: Sun, 11 Oct 1998 16:32:45 +0000
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@Lehigh.EDU, azqrp@extremezone.com
Subject: [22076] Web Page

Message-ID: <199810112324.QAA25650@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have moved my web page to <http://www.extremezone.com/~ki7mn>. If you have bookmarked the old location, please change the URL. I have placed a link to the new site on the old site, which will remain up for about 10 days. Thanks to everyone who has visited, and hope to see you on the new server. Bob Hightower KI7MN <http://www.extremezone.com/~ki7mn>
[Please note change in e-mail address (return address above)]

Date: Sun, 11 Oct 1998 19:36:01 -0400 (EDT)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22077] 10M MOBILE AM QSO
Message-ID: <Pine.SUN.4.01.9810111927120.21535-1000000@voyager.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

After hearing several AM stations on during the past week, I couldn't stand to wait for the 11-2-10 project. I dug out my old converted Sharp rig, complete with the 20 and 10 KHZ gaps, and put it in the car along with the 40 inch base loaded rf choke.

I managed one incomplete qso with w6 yesterday, and a complete with Origon just before 4 P.M. today.

The fact that the Origon station was running a rhombic took nothing away from my enjoyment of the qso.

Now, I've got to come up with a real mobile antenna before Steve gets the real conversion on the market.

Oh, one of the signals that I heard with this set-up was VK2BA. He was full quieting, but I couldn't break the pile-up. I did, however, get him with 20 watts on the tri-bander at Mom's house.

Give this band another year, and I'll do it with 5 or less.

72/73,

Mike Duke, K5XU,
President,
Mississippi Council of the Blind

<http://www.prestridge.com/mcb/>

Date: Sun, 11 Oct 1998 19:41:00 -0400
From: "Beaks" <beaks@westco.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [22078] extra rigs FS
Message-ID: <006e01bdf570\$9a9a7d00\$894ff5cd@beaks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,
I have the following rigs for sale that I havent been using and would like
to find new homes for:
Index Labs QRP++ (keeping one, selling spare) couple mods,(tune switch, AGC
anti-thump) looks-works like it should \$300.00
Oak Hills 100A for 20 meters looks-works good (make me offer,dont know
what their going for)
Alinco DJ-S11 300mw HT (some scuffs from carrying it around, works good)
\$45.00
Thanks guys.....please respond direct email
beaks@westco.net
N8EAG Arch Fairmont, WV

Date: Sun, 11 Oct 1998 20:20:03 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [22079] EEPOTs
Message-ID: <000101bdf576\$0eaff300\$b8751ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to you who responded to my request for assistance with the EEPOT data
sheets. It seems the data is ONLY available in their PDF files, not on the
HTML part of the site.

For reference, I am using a part numbered X9418WP24-2.7 Dual CMOS EEPOT, 10k Ohms. It supposedly has 'low noise' characteristics and has 64 wiper positions. Information on these parts can be found on Xicor's web site at <http://www.xicor.com> .

These little buggers are just what the Dr. ordered for controlling 'regular' radios and circuits via computer. They have several packages, and some have 'low noise' characteristics which makes them useful in radio projects. The part number noted above are in DIP packages which makes working with them easy ...

I smell variable bandpass audio filters, digital tuning, etc. They (Xicor) have schematics online that show how to digitally control op-amps, voltage regulators, etc. Everything you used to use a physical (variable resistor) control for you can now utilize a serial device to control digitally. I'm excited.

They use an addressing scheme that allows you to chain 16 of these chips on a single serial line. The same line is used for transmitting and receiving. (You can READ the current value of the wiper!) There are several 'registers' that can contain pre-set data that can easily be switched between, and the data in register 0 is automatically loaded when the unit powers up, so it can conceivably 'remember' the last setting if you do your coding correctly.

I'm working on a source for small quantities of these chips. Right now the only source I have (for a reasonable price ...) has a minimum order quantity of 97 for this part. Go figure. But that brings the price down to just under \$5 each. I'll let you know how that goes.

Now down to the dirt. (I think this is QRP, it is to me because I'm building a radio with it and ALL the radios that I build are QRP ...) I'm going to control this with an 8255 PPI (Parallel Peripheral Interface) chip. I'm planning on using one bit to 'clock' the data, one bit for the actual serial data, and one bit for the hardware write-enable. This leaves 5 of 8 bits on one port of the 8255 for other functions.

Does this sound logical/practical to those of you who have used parallel devices to control serial devices?? Or is there a part that I could put between the parallel controller and serial device to serialize the data automatically?? The first method seems like more complicated coding, but with less parts. (cheaper ...) The second method seems much easier with less code overhead. Oh, those engineering choices ...

Still trudging toward a totally computer-controlled homebrew radio ...

Tracy N4LGH

QRP-L #1453

<http://www.bytemark.com/projects/pcradiotop.html>

Date: Sun, 11 Oct 1998 18:49:21 -0600
From: Lou Martin <lmartin@uswest.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22080] Re: Resonat speakers
Message-ID: <36215211.14CC9F2@clsp.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Everyone,

I just spent a couple of hours today playing around with some speakers to see which ones sounded the best on my 2 QRP rigs (OHR 100 and HW-8).

- 1st: MS-4 that I use with my Drake twins sounds the best overall, with the best volume and audio quality
- 2nd: my first try at resonant speakers, a 3" dia., 8 ohm recovered from an old CB radio. Mounted 2 1/4" from the front face of a 3" heavy duty mailing tube 6" long. The rear face of the tube is closed off with a plastic cap. A real boost around 600+ hz.
- 3rd: my old standby Radio Shack Minimus. It sounds pretty good, but sound levels are down from the rest.

LOU
KC0BBE

Date: Mon, 12 Oct 1998 10:24:20 +0900 (JST)
From: Masayuki Uchida <muchida@postman.riken.go.jp>
To: qrp-1@Lehigh.EDU
Subject: [22081] Why 40/20/6m ? (Re: MIZUHO PRICES....(AMERICAN) ...)
Message-ID: <199810120124.KAA14307@postman.riken.go.jp>

As OM Dave said so, 40, 15, and 6 meter versions of Mizuho HTs are still in production. Some OMs may become aware that this band combination is just like a Tokyo HY Power HT-750. But why this combination ?

Don't misunderstand. Mizuho HTs are mono bander. HT-750 is
40/15/6m tribander.

The answer is that this band combination comes from the frequency privilege of 4th class amateur radio license in JA. The population of JA 4th class is above 80% of all JA amateurs, and they cannot operate on 30, 20 and 17 meter bands. Therefore, there are relatively big market in 40m as domestic main street and 15m as main DX window for 4th class. On 6m, sporadic E layer propagation can be expected, as you know, its drastic open is the one of the best fun in amateur radio operations, and 4th class can operate this band.

This is the reason why 40/15/6 meter combination is popular in JA amateur radio products.

In <199810111958.MAA14737@netcom11.netcom.com>,

David Feldman <dgf@netcom.com> wrote:

> >As many people that seem to want these (I would like one myself) Maybe we
> >could make a connection with a good ol QRP-L Group Buy? That might make it
> >worth their while to import 20 or 30 of them to the states to all the Happy
> >togo QRP'ers...
> >Just a thought, I have no clue how to import or convert prices, but I would
> >almost bet someone has already worked it all out for 1 radio...

>

> Find TOPTRON in Tokyo, and send them a fax. They have export people and
> in the past I've been able to import some MIZUHO crystals (for their
> QRP rigs). The 40, 15 and 6 meter version of the Mizuho hand-helds are
> still in production.

>

> 73 Dave WB0GAZ dgf@netcom.com

--

73 Masa J02AJT/WH20 ex-JL7CLE muchida@postman.riken.go.jp

Date: Sun, 11 Oct 1998 20:55:48 -0700
From: JFD / WA8GHZ /5 <jdougher@wt.net>
To: ham_QRP-l <qrp-l@Lehigh.EDU>
Cc: prvalko@oakland.edu
Subject: [22082] FOX: de Fox #3 - WA8GHZ - Tuesday Op & Freq. Info
Message-ID: <36217DC4.4BCC@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

DE: FOX #3 / WA8GHZ

Greetings Fellow Hounds from the Gulf Coast:

With thanks for the many helpful ideas and suggestions, here s
Tuesday's pre-event operating info. Hope all have fun.....

=====

de WA8GHZ (one of the world s longest call signs; it was my first in 62
and I paid \$\$ to get it again - kinda like old slippers)

Jack Houston, TX

WHEN: USA10/13 TUESDAY EVENING LOCAL (for the UTC- impaired)

UTC 10/14 0100 UTC

EDT 10/13 0900 PM Tuesday

CDT 10/13 0800 PM Tuesday

MDT 10/13 0700 PM Tuesday

MST 10/13 0600 PM Tuesday in AZ (;-) tu Jerry)

PDT 10/13 0600 PM Tuesday

for 2 hours duration

FREQ: -High side; 7043 +/- (unless the LatAm SSB and QRM
gets too bad - then will announce QSY de WA8GHZ and jump anywhere
in legal 7.035 to 7.045 territory)

-Will sneak down CLOSE to 7040 occasionally for you Rock Hounds (I saw
the post :-])

-Will do RIT when pile gets too large to hear (OMNI 5 RIT=dual VFOs),
but will listen on XMIT freq. also - i.e. no fixed split - sure don t
wanna dq :-(

RIG: TenTec Omni V at 5 watts (with all the filters)

(yep I also got many rigs I build, but want to put as many tools as I
can into this to maximize hounds, plus the pileups have been AWESOME and
want lots of controls/filters to dive into that)

Resonant Vee Antenna

Logikey K3, Kent Quality powered

TR-Log :

CODE SPEED = 20 (but will match ur speed no prob)

CQ MEMORY F1 = CQ DE WA8GHZ /FOX

CQ EXCHANGE = @ UR 45N TX JACK NR 61N BK

QSL MESSAGE = QSL DE WA8GHZ /FOX

I m foregoing my first instinct and not sending 72 every Q and just
sending the cut number N for 9, in hopes the extra time might just gain
just 1 more hound.

QSL: Will work on a special (biz-sized SASE appreciated) (Still have
KB7MBI s great one on the wall from last year - it s the only card on

permanent display here)
A.R.S. WA8GHZ
Jack Dougherty
16103 Garden Hill Lane
Houston, TX 77095-4046

COMPLAINT and QC Dep't: jkdougher@wt.net

FUN: Rule #1
Nice evening in the shack
no homework, no honeydo s
don t get no better n that

Hope to hear from 2 or 3 of you,
72,
WA8GHZ /5 Jack /Houston

Date: Sun, 11 Oct 1998 23:12:09 -0700
From: "Doug Hauff" <slmachco@fix.net>
To: <qrp-1@Lehigh.EDU>
Subject: [22083] SW30+/Rainbow Pass Moto-QRP Field Test!!
Message-ID: <199810120208.TAA23667@fletch.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got my SW30+ together last week, got it into new Custom Enclosure this week, figgered after all the hooforaw it was time for a REAL test. Last evening put gel cell and book light battery pack into Yamaha 600 Dual Sport fender bag, SW30+, Rainbow Tuner, tiny phone company key, Nova 37 folding 'phones, antenna wire, into day pack, and hit the road. Got to the dirt a little before sunset, there was still some light when I got to Hi Mountain campground in Los Padres National Forest after a pleasant fireroad blast . Tied a spark plug to 46 feet of wire, tossed it into a tree, threw the quarter-wave wire on the ground, and plugged in. Tail-ended a QSO, hooked up with Varel, AA7JM, in Firth, Idaho, had a nice QSO!! Heard EU7IA, coming in strongly with that watery dx sound, couldn't raise him...

Rainbow Tuner in Rainbow Enclosure would tune to 1.5 -2:1, with capacitor at minimum...didn't stop the action, tho!!
I fooled with Rainbow Tuner/Enclosure a bit today, got the green light after moving antenna/ground OUT leads (plain wire). Put antenna wire under circuit board, four lights!! I will find the best working arrangement, post results, But - the Deluxe Moto-QRP Station WORKS! BRRRAAAAAAPPPP!

72 Doug Hauff KE6RIE

Date: Sun, 11 Oct 1998 22:37:30 -0400 (EDT)
From: hsilver@pyx.net
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22084] Re: FOX: de Fox #3 - WA8GHZ - Tuesday Op & Freq. Info
Message-ID: <Pine.LNX.3.95.981011223140.22166B-100000@matrix.pyx.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 11 Oct 1998, JFD / WA8GHZ /5 wrote:

> DE: FOX #3 / WA8GHZ
> Greetings Fellow Hounds from the Gulf Coast:
>
> With thanks for the many helpful ideas and suggestions, here s
> Tuesday's pre-event operating info. Hope all have fun.....
> =====
> de WA8GHZ (one of the world s longest call signs; it was my first in 62
> and I paid \$\$ to get it again - kinda like old slippers)

WA5LWE in Louisiana is the grandfather (passed away now) of a very close friend of mine in Biloxi, Mississippi. So it seems your a bit longer by a di or a dah or so... :)

Harley Silver - Toronto.
Formerly from Benton, Mississippi.

Date: Sun, 11 Oct 1998 22:48:46 EDT
From: wb2vuo@juno.com (W. K. Hibbert)
To: w7ls@mail.blarg.net, qrp-1@Lehigh.EDU
Subject: [22085] Re: Steam-Powered Radio
Message-ID: <19981011.224744.7791.0.wb2vuo@juno.com>

I'd love to see a copy of the article, too. Unfortunately, all my pre-1972 pubs were lost in a house fire while I was on a Med cruise. One of my younger brothers was playing with a candle, and torched the 2nd & 3rd floors at my parents house (Seth was 4 at the time. He's a lawyer now. Is there a connection here?) and all my station gear and all my books

were lost, including my Novice QSL cards from 1966-67...

The TX was a single transistor crystal-controlled oscillator, keyed in the collector line. I ran the TX off a lantern battery (6 VDC) and the only power measurement I made was the "How bright can you get the #49 bulb?" variety.

The local library system doesn't have "Popular Electronics" or "Electronics Illustrated" in their microfilms, so I am at a loss for a source on this article.

Any packrats out there with 60's magazines, other than Hugh's??

72/73, Keith, WB2VUO, 100% QRP from the Great Bergen Swamp of WNY
My night light runs more power than my Rig!!!

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 11 Oct 1998 22:50:08 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [22086] Thanks!!! Good info...
Message-ID: <032401bdf58b\$06a0c260\$577f5acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just want to thank everyone who took the time to answer my questions about the argo/scout freq issue, and also my questions about the Sierra power output problem. I had several good ideas sent to me. I have tried some on the Sierra and have gained some power already. This is a great list despite some diversions from time to time.... :)

thanks again to all..

Tim
NZ8J

Date: Mon, 12 Oct 1998 02:55:59 +0000
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-1@Lehigh.EDU
Subject: [22087] FOX: WQ8RP and RIT
Message-ID: <3.0.5.32.19981012025559.00a01160@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To all the "true believers of RIT" Thank you for all you have said.
 I appreciate your comments and
kudos.

To all the "non-believers of RIT" Thank you for all you have said.
 I appreciate your comments.
Zero beat.

I love this hobby.

73 Hank K8DD WQ8RP/rit

Remember Rule #1

Date: Sun, 11 Oct 1998 22:56:17 -0400
From: Erv <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22088] Re: Zombie T-Shirt
Message-ID: <36216FD1.D5084497@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Alright, now how do I get one of them thar fancified Norcal Zombie Tees?
I have cash and I know how to use it! :-)

7-3,
Erv-W8ERV

Date: Sun, 11 Oct 1998 22:26:06 -0500 (CDT)
From: Adrian Weiss <aweiss@usd.edu>
To: qrp-1@Lehigh.EDU
Subject: [22089] RE: Bring books - JOY & HISTORY ?
Message-ID: <Pine.SOL.4.02.9810112223120.23528-1000000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang:

I'm wearied by the thought of hauling books back and forth on airplanes to and from Pacificon. So, if anyone wants copies of JOY OF QRP and/or HISTORY OF QRP IN THE US, please drop me an e-mail.

Hey, time's getting close and excitement is already filling the air!!!

I'm bringing along my ALTOIDS-1 in case anyone is interested in seeing it. Was thinking of bringing along my VIKING 3x5 as well. I guess it's about time I show up with one of my homebrew rigs to show I can do it.

72, Ade W0RSP

Date: Sun, 11 Oct 1998 20:35:10 +0100
From: David Kidd <ka7ozo@pacifier.com>
To: qrp-1@Lehigh.EDU
Subject: [22090] Price help
Message-ID: <v03007801b246b8793a66@[216.65.146.26]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does anyone have an idea what a MFJ-723 Optimizer Notch Filter is worth these days? If you do, please respond directly to me at ka7ozo@pacifier.com.

Thanks.

73, OZ0

Date: Sun, 11 Oct 1998 23:38:43 -0300
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-1@Lehigh.EDU>
Subject: [22091] RE: regenerative rx with optocoupler
Message-ID: <01bdf589\$6d95cb20\$07199e03@inforhc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi list !!!

The idea of using a simple, but effective regenerative detector in a QRP rig certainly attracts me...

There is an excellent circuit in RADCOM that combines a FET with a bipolar to form a very smooth running regenerative detector... but more on that later...

What I would like to see is the actual circuit of the QST article,

as I don't get any radio magazines here from the USA..

Could anyone scan the article of the QST regenerative detector with feedback via an optocoupler and send it as an attachment to the following address ???

inforhc@mail.infocom.etecsa.cu

No need to worry about length of the file... if you wish the pages can be sent as individual e-mail messages...

Thanks in advance for the help... simple is beautiful and we may see a very nice TRANSRECEIVER ... which is different from a TRANSCEIVER... in the works !

Arnie

C02KK

PO Box 6240 Habana Cuba

e-mail inforhc@mail.infocom.etecsa.cu

Date: Sun, 11 Oct 98 23:37:29 -0400

From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [22092] Want NCG 7/21/50, Re: Why 40/20/6m ?, and first impressions:
HT-750
Message-ID: <199810120340.DAA37180@out5.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, Masa,

Thank you for explaining it. It reminded me that I'd still like to find an old NCG 7/21/50, if anyone has one to part with...

On Mon, 12 Oct 1998 10:24:20 +0900 (JST), Masayuki Uchida wrote:

>As OM Dave said so, 40, 15, and 6 meter versions of Mizuho HTs are
>still in production. Some OMs may become aware that this band
>combination is just like a Tokyo HY Power HT-750.

A few YLs too.. <smile>

> But why this combination ?

>

># Don't misunderstand. Mizuho HTs are mono bander. HT-750 is
># 40/15/6m tribander.

It's also a bit more feature-rich, IMHO. I have the THP, which is why I would want *different* bands of the Mizuho, but I guess that's not to be.

>

> On 6m, sporadic E layer propagation can be expected, as you
>know, its drastic open is the one of the best fun in amateur radio
>operations, and 4th class can operate this band.

I also think too many Americans remember the days of poorly filtered 6 meter rigs and old TVs on rabbit ears, with 6 meters getting into channel 2. It never was a problem at QRP power levels anyway, at least since the mid 80's equipment that I've had came out. Six is my favorite band, and I agree, it's about the most fun there is in ham radio.

I've now been able to play with my THP HT-750 a few times, so far only on 15 meters, since I haven't heard any 6 meter activity. It's got an amazingly good receiver for such a small package, and I can hear the world.

Today, for the first time, someone heard me too. Actually, a couple of someones in the western part of the country, and I got a nice audio report and a 5-2 signal report from California with my whopping 3 watts PEP SSB.

My first impression is that the radio is fantastic, and while I know it's expensive as all heck to import, I'd recommend it and believe it's probably worth the money. Oh, and if anyone does get one, definitely buy their band coils and antenna. The coil and telescoping whip combo on top of the rig was my only antenna today :)

I'll post more about it when I've used it a bit more, especially on 40 and 6.

72,
Cait
KU4QD

Caitlyn M. Martin	"They have computers, and may have
cait.martin@ibm.net	other weapons of mass
http://www.caitys-world.com	destruction" -Janet Reno

Date: Sun, 11 Oct 98 23:47:00 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Six Meters" <50mhz@qth.net>
Subject: [22093] Re: MIZUHO
Message-ID: <199810120349.DAA46768@out5.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Sun, 11 Oct 1998 15:47:31 -0400, Jim Fielden wrote:

>As many people that seem to want these (I would like one myself) Maybe we
>could make a connection with a good ol QRP-L Group Buy? That might make it
>worth their while to import 20 or 30 of them to the states to all the Happy
>togo QRP'ers...

Hi, Jim,

You know, when AEA and the other outfit in California had the Mizuho rigs in the US, or when Orion had the Tokyo Hy-Power rigs, it was the bottom of the sunspot cycle, which isn't exactly the best time for QRP operation on bands like 6, 10, and 15. Their timing was awful, and they were small,

under-funded companies which didn't survive. They also didn't do nearly enough marketing for long enough.

Now, instead, we are watching the cycle rise towards a peak. I worked in the international transportation industry for 6 years, and know enough about imports and customs brokerage, and have enough contacts, to bring them in en masse. I also think I know enough to market them. It could be done. What I don't have is anyone technical enough to do the warranty repair work as well as service the older ones already in the country, nor the capital to pull it off. Remember, these rigs are type accepted already, so unless someone wanted to bring in P-series Mizuhos or Nishi Musen rigs, you wouldn't have to face that rather substantial cost.

I hope some ham who does have the kind of capital necessary, or someone who knows such a ham, reads this and realizes that there may just be an opportunity here.

73,
Cait
KU4QD

Caitlyn M. Martin	"They have computers, and may have
cait.martin@ibm.net	other weapons of mass
http://www.caitys-world.com	destruction" -Janet Reno

Date: Sun, 11 Oct 1998 23:32:36 -0500 (CDT)
From: "Paulette Quick, WB9VHF" <wb9vhf@globaldialog.com>
To: qrp-l@Lehigh.EDU
Subject: [22094] Bruce Muscolino, W6TOY is home and improving
Message-ID: <3.0.16.19981011222518.26bf8242@globaldialog.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bruce Muscolino, W6TOY is out of the hospital, he's home, and he'll be re-joining the qrp-l list soon.

The hip replacement went well, but an infection felled him and brought on five weeks of complications. He is on antibiotics and continues to improve.

We'll know Bruce is really back to normal when he gets that TS130V back on the air!

Paulette Quick, WB9VHF
and the flock o' noisy five
Madison WI
work - plquick@facstaff.wisc.edu
home - wb9vhf@globaldialog.com

Date: Sun, 11 Oct 1998 23:38:06 -0500
From: Larry Jones <ljones@flash.net>
To: qrp-1@Lehigh.EDU
Subject: [22095] Edmund Scientific Response
Message-ID: <362187AE.4650@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings Gang...

I want to thank all of you who responded to my request. This list is great...

Larry N50SG

Date: Sun, 11 Oct 1998 23:54:47 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [22096] Pacificon Week is HERE!!
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Pacificon is 5 days away, and I am sitting here looking at a compendium that is hot off the press. 146 Pages, 138 schematics and illustrations, 17 articles, the first schematic of the NorCal 20, the first schematic of the 44 Magnum, 3 Six meter rigs, 1 Fifteen Meter CW transceiver, it is a neat book. I hope you enjoy it, as there has been a lot of work that has gone into this, and I would like to say a special thank you to the following people.

The authors, Roy Lewallen, George Dobbs, Bill Jones, Brian Kassel, Dan Tayloe, Wayne Burdick, Brad Bradfield, Jim Cates, Kazuhiro Sunamura, Paul Harden, Bob Berlyn, Ade Weiss and Dave Fifield. Bob Helms and Ed Tanton did a unbelievable job with the schematics for the 6 meter and 15 meter rigs. They stepped forward and volunteered hours and hours of their time, and did it in record time. These articles would not have been in the compendium without their help. Thanks guys. Paul Harden sent me camera ready copy of 16 pages, saving me many hours of layout time. Dennis Utley, who sold me the Epson Scanner that made all of the graphics a snap to do. Jim Cates who wrote the history of NorCal article on very short notice. Kazuhiro Sunamura who sent me drawings from Japan, Air Mail. All of these guys chipped in and made it happen. Thank you.

Now, all that needs to be done is to bind the copis and then haul them to Concord. Good thing I have a truck.

One of the nicest guys that I have ever met is Bill Jones, KD7S, and he also happens to be one of the most talented. He has won the Dayton Building Contest, and his work is known throughout the world as a homebrewer par excellance. But Bill's best talent might be his ability to make home brew cabinets for his projects. One of the hardest things to do is to put the projects that we build into an enclosure. Lots of times we put it off because we just can't find one the right size. Bill's presentation will show you how you can build an enclosure for that next project at ridiculously low prices. He will demonstrate how to build a case for the 40+ Elmer 101 rig that costs a total of 52 cents in materials!!! Amazing. The best part is that it can be done by almost anyone with common tools. Bill will be speaking at 10:00 AM Saturday moring, and I hope that you can join us.

He has also told me about his entry in the building contest, and I can't wait to see it. It will blow your mind. Bill's entry alone is worth the drive to Pacificon. Sorry that I can't tell you more, but I have been sworn to secrecy. One thing for sure. I am glad that I am not a judge for the building contest, it is going to be very difficult.

By the way, that reminds me, please bring at least one of your projects that you have built this year. We want to take a picture of homebrew projects that will make the famous Zuni Loop picture look like small potatoes. But we need your help. Please remember to bring one of your projects for the great homebrew picture to be taken Saturday night at the building contest.

Also, don't forget to stop by the QRP Vendors in the Commercial exhibits. Roy Lewallen will be there with his software, Rev. George Dobbs with G-QRP Club items (plus he has 100 parts kits for the G3RJV Six Pack for \$30 each. All the parts you need to build all six projects.) Bob Dyer will be there with Wilderness Radio, Gary Diana and Brad Mitchell will have their Embedded Research booth. Don't miss out on the opportunity to pick up another Tick Keyer chip.

And, of course, stop by Elecraft's booth and sign up for a free K2 kit to be given away Saturday night at the NorCal QRP Open House.

72, and hope to see you this weekend at Pacificon. 72, Doug, KI6DS

Date: Mon, 12 Oct 1998 03:28:33 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU, nwq-1@scn.org
Subject: [22097] SMALL ENGINE (for use with generator?)
Message-ID: <629b7195.3621afa1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

There is a small engine used for powering bicycles. See
<http://www.bicyclemotors.com> for details.

We need to get this small engine coupled with the small 13v/6.4a generator for a QRP price.

Alan KB7MBI

Date: Mon, 12 Oct 1998 00:27:32 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [22098] Adding Memory to the NC20 Keyer Chip
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I want to give the guys going to Pacificon who have ordered the NorCal 20 a heads up. The keyer chip that will be shipped

in the NC20 was custom designed for NorCal by Embedded Research, the TiCK keyer guys. It is a very basic keyer and does not have memory. If you want to have a memory keyer, then you will need to get one of the new "Super TiCK" chips which will be available from Embedded Research at their booth during Pacificon. Here is the information from their web page.

URL = <http://www.frontiernet.net/~embres/superTiCK.htm>

Note that the TiCK 1 and the TiCK 2 and TiCK 2B will not work with the NC20. The Super TiCK is a drop in replacement. The chip sells for \$15. Here are the features:

Complete SuperTiCK Feature List

- .Two 50 Character user programmable message memories
- .Speed Adjust (via paddles)
- .Tune Function
- .Paddle Select
- .Sidetone (ON/OFF)
- .Iambic Modes A & B
- .Straight Key Mode
- .Beacon Mode
- .Low Current Consumption (1 uA in sleep mode)
- .Requires 3-5V DC
- .Uses the very latest in RISC-based microcontroller technology
- .Currently available in 8 pin DIP package (8 pin SOIC available soon)

We are offering the SuperTiCK as follows:

.SuperTiCK Chip + Datasheet, \$15.00, (S/H for CONUS postage paid, DX \$5.00)

I just wanted to alert you to this and let you take advantage of picking up a chip from Brad and Gary in person this weekend if you are attending Pacificon.

72, Doug, KI6DS

Date: Mon, 12 Oct 1998 08:09:19 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: kenwood@qth.net
Cc: qrp-1@Lehigh.EDU
Subject: [22099] Ts570'D/G' and Pro-2050 for sale
Message-ID: <3.0.5.32.19981012080919.007f5540@mail.hq.nasa.gov>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Kenwood Ts570D/G with 400Hz IRAD Filter, speech board (gives frequency, menu option, and other feedback), all manuals, original cartons, and hand mic. Rig has not been modified, has been in a non-smoking environment, and is in ment condition.

see more info at <http://www.kenwood.net> or E-mail me for more details at whowell@mail.hq.nasa.gov

Asking \$1,100 insured and shipped or make me an offer.

Radioshack pro-2050 trunk tracker scanner in ment condition, asking \$185 shipped/insured.

Covers all popular bands, no mods, all manuals, original cartons.

More info at <http://www.theshack.com> or E-mail me at whowell@mail.hq.nasa.gov

tnx es 73 de Scott/n3byy
Laurel, MD

Date: Mon, 12 Oct 1998 7:44 -0600
From: "Karl Kanalz - Dallas" <kkanalz@optelinc.com>
To: "Gary Evans" <gevans@lightspeed.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [22100] RE: Sierra audio problem
Message-ID: <84B0693C@optelinc.com>

Do you have the rig *physically close* to other
a.c. powered devices? Maybe a computer CRT?
Some other a.c. powered rig in the shack?

Induced hum is a common problem, Gary, whether
the Sierra is battery powered or not....

Karl K. - W8TIF
McKinney, TX

From: Gary Evans
To: Low Power Amateur Radio Discussion
Subject: Sierra audio problem
Date: Friday, October 09, 1998 3:02PM

I fired up my Sierra this week and noticed that the received signal has what I would describe as a slight ac ripple sound. It is not present on the transmitted signal, but is noticable on all bands. The sound is present

whether I use the dc power supply or battery. Any thoughts or suggestions?
Thanks...Gary - AA6R

Date: Mon, 12 Oct 1998 09:57:58 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: ED Baumann <ebaumann@tbaytel.net>, jcac <jcac@tbaytel.net>, John Miedema
<jmie@loon.norlink.net>, "rattray@gpfn.sk.ca" <rattray@gpfn.sk.ca>,
TIM DELPINO <tdelpino@air.on.ca>
Cc: csteward <csteward@foxnet.net>
Subject: [22101] Gobble,Gobble
Message-ID: <36220AE5.68FBEB3C@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For those of us in Canada.HAPPY THANKSGIVING.
For our American friends:Columbus Day
Cheers Fred(VE3FAL)

Date: Mon, 12 Oct 1998 08:19:55 -0600
From: travis@campbellsci.com (Gary Travis Roberts)
To: Shephed@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [22102] Re: I got my Extra!
Message-ID: <19981012142112463.AAA197@gary_roberts>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> Woo Hoo, I'm doing the Happy Dance!
>
> I made Extra this morning!
>
> 73
> Dan, N8VZU/AE

> FISTS #4985
> QRPl #1404

Me too! (Sat. Morning) Still doing cart wheels.

-G. Travis Roberts
KK7OV

Date: Mon, 12 Oct 98 10:30:41 -0400
From: "Caitlyn M. Martin" <cait.martin@ibm.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "markmail1@juno.com" <markmail1@juno.com>
Subject: [22103] Re: [50MHz] Re: What rig?
Message-ID: <199810121433.0AA60154@out5.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Mon, 12 Oct 1998 13:28:40 UTC, markmail1@juno.com wrote:

> Alinco makes a six meter rig. The DR-M06TH has 100 memories with 20
>watts of FM output. When checked on several watt meters, mine was close
>to 25 watts.
>An Icom, it's not, but then neither is the price. I have no complaints
>about its performance.

It's FM only, and the rigs he was looking at were all mode. 90% or more of
6 meter activity is SSB, and all the DX is SSB or CW. Sure, it's fine for
repeaters, but that's it.

73,
Cait
KU4QD

Caitlyn M. Martin "They have computers, and may have
cait.martin@ibm.net other weapons of mass
http://www.caitys-world.com destruction" -Janet Reno

Caitlyn M. Martin
cait.martin@ibm.net
<http://www.caitys-world.com>

"They have computers, and may have
other weapons of mass
destruction" -Janet Reno

Date: Mon, 12 Oct 1998 10:41:18 -0400
From: Paul Stroud <aa4xx@ipass.net>
To: klqrp <klqrp@waterw.com>, QRP-L <QRP-L@Lehigh.EDU>
Subject: [22104] KnightLite's Net Summary Oct 11, 1998
Message-ID: <3622150E.5665D6D5@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

80M was in great shape this past Sunday night. It was good to hear old and new friends checking into the KLN. We invite anyone who is interested in QRP to check into the KL Roundtable each Sunday night, beginning 9:30PM EDT local time or 0130Z on 3686.4 KHz. Listen for the Net Control Station who will be using the KL club callsign, WQ4RP.

The following stations joined us this past Sunday:

Call	Name	QTH	RST	Pwr	
WJ4P/ QRPp	Randy	Summerville,	SC 329	50mW?	
W4SEA/QRPp	Rick	High Point,	NC 599+	700mW	IC-765
K1CL/ QRPp	Chuck	Chelmsford,	MA 339	500mW	
WB4OFT	John	Advance,	NC 449	1W	HB TX
AE4IC	Bob	Greensboro,	NC 599+	5W	Sierra
KA2QPG	Pierre	Rifton,	NY 339	4W	
KE4KKR	Ed	Statesville,	NC 449		
KF2PH/QRPp	Nick	Patchogue (LI),	NY 339	500mW	HB
WF4I	Derek	Greensboro,	NC 599+	5W	Sierra
WB1HBE	John	Chelmsford,	MA 339	5W	
AE4LH	David	Danville,	VA 579		
W4WDN	Lyn	Willow Springs,	NC 599+	5W	
K4PYM	George	Walhalla,	SC 569	5W	
N3GO/ QRPp	Gary	Raleigh,	NC 579	250mW	
AC4QX	Lauren	Lake Gaston,	NC 599+	5W	
KC1FB	Jim	Norwalk,	CT 449	2W	Zepp Ant
KF9HC	Dick	Neponset,	IL 559	5W	

AA1NZ Tom Laconia, NH 449 100W
AA4XX/NCS Paul Raleigh, NC 5W CF Dipole@60'

We hope to hear you soon on the KLN! 72,
Paul AA4XX

Date: Mon, 12 Oct 1998 09:47:04 -0500
From: "Randy Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [22105] QRP peace and serenity
Message-ID: <000001bdf5ef\$6b2ad540\$dc12430c@deputy-dog>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have been distracted lately by a new (to me) Kenwood TS850SAT that I have coveted for a long time. It has all the knobs and buttons I could ever want, and operates QRP just fine - bagged a Fox with it last week!

However, last night my tiny SW+30 called to me and I cranked it up - battery power and integrated K9 keyer. With its 2 knobs and 1 button (for the keyer command entry), it was sweet!! It is now sitting atop the 850 in its place of honor! Dave (NN1G) did a great job with this little jewel, and the K9 keyer's not bad either!! Life is good...

72,
Randy, KS4L

Date: Mon, 12 Oct 1998 10:56:43 -0300
From: w4bld@juno.com
To: qrp-1@Lehigh.EDU
Subject: [22106] Key Identification ?
Message-ID: <19981012.105644.3254.4.w4bld@juno.com>

Hello Gang - I have a small key with a leg strap which has a black wrinkle finish cover which slides over the back part of the base but leaved the handle exposed. The snap for the leg strap is on the top of this cover. The base has the following markings: E ts G. Jargiller
Ref: 1955M. The size is 3 1/8" x 1 1/2". Can anyone tell me what it is (

J-xx or whatever) and who it was made for. It is obviously military.
Thanks, Bob

Robert B. Kerby - W4BLD
PO Box 991 (231 Rosser Avenue)
Waynesboro, VA 22980
(540) 942-4356
(I collect Gonset, Morow and Elmac)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 12 Oct 1998 11:12:12 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Cc: Laurel ARC <larc-l@webtrek.com>, eax@w3eax.umd.edu
Subject: [22107] Youth on the air
Message-ID: <Pine.LNX.3.95.981012110840.18091D-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Scott, N3BYY, and I made a late-night road trip last night and he got the privilege of operating the NF3I mobile QRP shack...

He (under my call, but not that it made a difference because we're both Scott) had a contact with KB0VVT at about 15 wpm on 20m - Rebecca in Raytown, MO - and she's all of TEN YEARS OLD.

Ham radio to the youth of the world...Internet and ham radio in parallel, the way it should be. Keep up the good work, everyone!

Scott Rosenfeld ARS NF3I
301-549-1022 (h) 301-982-1015 (w)
Burtonsville, MD
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Mon, 12 Oct 1998 08:18:30 +0000
From: Robert Tellefsen <n6wg@earthlink.net>
To: QRP-L <QRP-L@Lehigh.EDU>

Subject: [22108] Punch tools
Message-ID: <3621BB56.4ED0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A while back we had a thread going on punch tools. I bought one as a result of that thread, and thought I'd give some feedback on the uses I've found for it so far.

During a building session, I've found it easier to punch holes in pc board than to drill them. Only gotcha is they can't be too far from the edge of the board, as the jaws only allow a reach into the board of about 1.5 inches. It's faster than drilling, and unlike a hand drill, it doesn't skitter around if you don't have a good starting dent.

One caution. If you are using single-sided phenolic board, rather than glass, punch from the phenolic side toward the copper. Otherwise, the phenolic ruptures and you get a cavity instead of a clean hole.

The second use is an offshoot of the first. I save the punched out disks for use as pads on boards. I keep a little can with a lid on it, and dump the punchings in it for later use.

A third use is to provide a starting opening for a small-bladed hack saw when I'm cutting out an opening in metal or pc board. You can use the punch almost like a nibbling tool to enlarge the starting hole until the hacksaw blade fits.

So far, a handy tool.

72, Bob N6WG

Date: Mon, 12 Oct 1998 10:32:14 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <flesnick@tbaytel.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [22109] RE: Gobble,Gobble
Message-ID: <000001bdf5f5\$7da4d8f0\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In 1621 the Pilgrims and Indians celebrated the first Thanksgiving. The pilgrims were thankful for surviving another year, the indians were thankful for surviving another pilgrim.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Fred Lesnick
> Sent: Monday, October 12, 1998 8:58 AM
> To: Low Power Amateur Radio Discussion
> Subject: Gobble,Gobble
>
>
> For those of us in Canada.HAPPY THANKSGIVING.
> For our American friends:Columbus Day
> Cheers Fred(VE3FAL)
>
>
>

Date: Mon, 12 Oct 1998 09:37:18 -0600
From: travis@campbellsci.com (Gary Travis Roberts)
To: qrp-1@Lehigh.EDU
Subject: [22110] I missed the next Fox annnc.
Message-ID: <19981012153836150.AAA200@gary_roberts>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I must have missed it somewhere. Could someone send me the information for Fox #3 (If it has been posted). I missed the first one because of school, and the second one because of a balloon launch. I don't want to miss the next one. Thanks for your help.

-Gary
KK7OV

Date: Mon, 12 Oct 1998 12:42:36 EDT
From: KB9OCE@aol.com
To: ARDUJENSKI@aol.com, qrp-1@Lehigh.EDU
Subject: [22111] Re: SMALL ENGINE (for use with generator?)
Message-ID: <6dfaf492.3622317c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Alan,

Another idea! For some time now I've had a small engine on the bench with the intention of using it to power a small generator. I bought it at a garage sale for \$5; it's from a "Weed Eater". My thoughts were to have it run an alternator from a small car. One of these days.....<whistle>....I'll get around to trying it.

73 de Mike

Date: Mon, 12 Oct 1998 09:50:36 -0700
From: W7LS <w7ls@blarg.net>
To: KB9OCE@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [22112] Re: SMALL ENGINE (for use with generator?)
Message-ID: <3622335C.7BE1@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good idea. Further to that notion, there are basically two types of car alternators out there. The one you want is a Chrysler, I think. Anyway, they are the ones that have a built-in voltage regulator. Reeeeeeealy simple setup for a 12v generator. I have the docs here, somewhere. As the alternator spins up to speed, the voltage rises and levels off at whatever it is (14.4, 13.8, don't remember). You want a battery if, for no other reason, to act as a humongous capacitor to filter out the alternator whine. I think some alternators are self starting for field, and some aren't, therefore requiring a battery for sure.

Any wrenches out there with comments? :-)

Jim W7LS

KB9OCE@aol.com wrote:

>
> Alan,
>
> Another idea! For some time now I've had a small engine on the bench with the
> intention of using it to power a small generator. I bought it at a garage sale
> for \$5; it's from a "Weed Eater". My thoughts were to have it run an
> alternator from a small car. One of these days.....<whistle>....I'll get
> around to trying it.
>
> 73 de Mike

Date: Mon, 12 Oct 1998 10:17:11 -0700
From: Brian Kassel <bkassel@dancris.com>
To: qrp-1@Lehigh.EDU
Subject: [22113] Pacificon - Another (almost) Freebie (LONG)
Message-ID: <36223997.73EBB3C1@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Gangue:

As if there weren't enough perks for you to attend the Pacificon,
here's one more:

The AZ ScQRPions, would like to announce a new item that we will
introduce at Pacificon. We will be calling it the ScQRPion Antler. It
is a pocket sized, portable antenna that operates either as a wave on
40 through 10 meters or as a wave on 80 through 10 meters. It is based
on a unit that I have been using for portable operation for several
years.

A brief description is included below.

Basically the unit appears as an oval shaped plastic enclosure
measuring about 3" X 4" X 1" thick. Inside the case, there is 67 feet
of # 24 stranded wire, with each length for each band 10 through 30
meters marked as a color code. The 40M position has no color-code, as
simply un-reeling the wire to its full-length covers that band. There is
a small crank on the side, which is used to very quickly wind up the
antenna, after it has been deployed. After the proper length of wire is
reeled out, the crank is pushed into the locked position. There is a
small metal bracket on the end to allow the case to be hoisted up with a
rope. The wire is completely enclosed in a plastic housing. The unit is

very similar to a chalk line, except of course, instead of string, wire is on the reel. This arrangement gives the user a very quickly deployed, effective antenna that can then be taken down and easily stored in a compact space, even a pocket.

The Pacificon price is \$ 5.00 Ea., with the following conditions:

Only 1 unit per attendee.

If, after you have used the device, you like what you see, then tell at least other QRP ham about it.

If, on the other hand, you have anything that you don't like about the device, please tell me so that we can do a possible modification on future runs.

The price, after Pacificon will be \$ 10.00, which includes all shipping and handling costs to your door. This is the same arrangement that we used on the LED/SWR bridge kits. I will announce on the QRP-L exactly when we will be ready to take orders. This will give us some time just in case we need to make any changes to the device, pending any feedback that we will get from the sold Pacificon units.

I will have 40 units with me. When they are gone, no more will be sold at that price.

They will go on sale immediately after my presentation, which is scheduled for 4:00 PM to 5:00 PM on Saturday 10-17.

Here are the instructions, as included with each unit, that serve as a full description:

The ScQRPion Antler

Introduction:

The ScQRPion Antler is a configurable, portable, wind up antenna. It is intended for use in a temporary location, although it is also useful as a fixed location antenna as well.

Although the antenna can be configured in many different ways, the most common use is that of a wave vertical, or wave end fed horizontal wire.

Almost any antenna type can be constructed in the field by using several Antlers as elements in a certain combination. For example: dipole can be constructed by tying two housing units together, acting as the center insulator. Each wire then will act as each half of the dipole.

Each wave point for each band, 10 meters through 30 meters is marked as a unique color along the length of the wire (see chart).

The maximum extended length is 67 feet, or wave at 40 meters, so the antenna covers 10 meters through 40 meters in a wave configuration, and 10 meters through 80 meters in a wave configuration.

The transceiver end of the wire is shipped stripped and tinned, ready for your preferred connector to be user installed. The inch red tubing at this end is provided to prevent the wire from being inadvertently rolled completely into the housing. A cotton insert for the coned tip is also provided, but not installed. If you find that you need more tension while winding the antenna, you may want to install this item. Since it is slit, you don't have to remove the end connector to install it, just unscrew the cone, slip the cotton insert over the wire, push the insert into the cone, and screw the cone unto the main housing. This option is very rarely required.

Description and Use:

The unit is shipped with its hanger rotated down 180 degrees, so as to allow for a compact shipping container. To make the unit ready for use, simply loosen the Phillip's head screw, rotate the hanger to its upright position, and retighten.

To deploy the antenna, first pull out the desired length of wire, according to the color code in the table. The wire is more easily unwound by holding the housing so that the crank is positioned down. Also move the crank to its vertical position. In this way, as the wire is pulled from the housing, the rapidly turning crank will not add additional friction through centrifugal force. To prevent more wire from unwinding, lock down the crank handle by gently pushing it into the recessed hole.

Assuming that you have already installed a support rope at the proper height for your installation, tie the rope to the hanger. Hoist the antenna housing up into position. Hook up the free end to your antenna tuner. Attach a counterpoise, if this is a half wave configuration. Tune up the tuner, and operate!

The Wire Length and Color Code Table:

Wave	Wave	Color
40M	80M	(Fully Extended)
	30M	-----
White		

20M	40M	Yellow	
			17M -----
		Silver	
			15M -----
		Green	
12M	-----	Gold	
10M	20M	Blue	

Remember that these lengths are only approximations. The actual electrical length of any antenna is influenced by many unpredictable environmental factors. If you are using an antenna tuner, these lengths will come very close to providing the predicted results.

The Fine Print:

Do not attempt to erect this antenna in any location where direct contact with any type of utility lines, either high voltage or other types are present. Use common sense. The main feature of this antenna is that climbing should not be required.

The AZ ScQRPions, or I do not accept any liability for any injury that may be incurred by the user in either the erection of, or use of, this device.

This device is only meant to serve as an amateur radio antenna. Its use for any other purpose is not recommended or condoned.

Brian W5VB0

Date: Mon, 12 Oct 1998 13:44:12 -0400
 From: Dick Blaney <wb8mhe@bright.net>
 To: w4bld@juno.com
 Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
 Subject: [22114] Re: Key Identification ?
 Message-ID: <36223FEC.C5BF410A@bright.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit
 Content-Transfer-Encoding: 7bit

Hi Bob,

This may not be the same type of key, but I thought I'd pass it along for what it's worth. Look under "keys" in this index.
<http://www.geocities.com/CapeCanaveral/Hall/1292/PICTURES.HTM>
You might try looking on the Telegraph Office page for info. There is even an address to e-mail and identify your key on this page.
<http://fohnix.metronet.com/~nmcewen/ref.html>
Hope this helps.
73 es gud hamming, de
Dick, WB8MHE
wb8mhe@bright.net

w4bld@juno.com wrote:

> Hello Gang - I have a small key with a leg strap which has a black
> wrinkle finish cover which slides over the back part of the base but
> leaved the handle exposed. The snap for the leg strap is on the top of
> this cover. The base has the following markings: E ts G. Jargiller
> Ref: 1955M. The size is 3 1/8" x 1 1/2". Can anyone tell me what it is (
> J-xx or whatever) and who it was made for. It is obviously military.
> Thanks, Bob
>
> Robert B. Kerby - W4BLD
> PO Box 991 (231 Rosser Avenue)
> Waynesboro, VA 22980
> (540) 942-4356
> (I collect Gonset, Morow and Elmac)
>
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com>
> or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 12 Oct 1998 12:50:47 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-1@Lehigh.EDU
Subject: [22115] Want to meet: Denver QRP'ers
Message-ID: <3.0.32.19981012125041.0068abc0@divis17.ped-gen.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi,

got no responses last time, i'll give it one more try.

i'll be in Denver, CO from Oct-27 to Nov-1. I'd like to meet some of the local QRPers. Anybody interested?

--adam, n2brt
adam-kanis@uiowa.edu

Adam B. Kanis, N2BRT
adam-kanis@uiowa.edu QTH: Wellman, IA (Near Iowa City) EN41ck
-- ARRL:RSGB:QRP-ARCI:GQRP:QRP-L:NorCal:IowaQRP:SEITS --
** On the web at <http://genome33.ped-gen.uiowa.edu/hamradio> **
=====

Date: Mon, 12 Oct 1998 08:27:26 -0500
From: "James A. Carmody" <carmodyjim@earthlink.net>
To: w7ls@blarg.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22116] Re: SMALL ENGINE (for use with generator?)
Message-ID: <362203BE.34EAF18B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a small 12-15V DC generator which puts out about 14 amps, I think. It only weighs about 10 lbs. or so. Although it works fine, I have no current (pun) use for it. If anyone is interested, I will dig out details and decide on a price.

Jim/n5o

W7LS wrote:

> Good idea. Further to that notion, there are basically two types of car
> alternators out there. The one you want is a Chrysler, I think. Anyway,
> they are the ones that have a built-in voltage regulator. Reeeeeeealy
> simple setup for a 12v generator. I have the docs here, somewhere. As the
> alternator spins up to speed, the voltage rises and levels off at
> whatever it is (14.4, 13.8, don't remember). You want a battery if, for
> no other reason, to act as a humongous capacitor to filter out the
> alternator whine. I think some alternators are self starting for field,
> and some aren't, therefore requiring a battery for sure.
> Any wrenches out there with comments? :-)
>
> Jim W7LS

>
> KB9OCE@aol.com wrote:
> >
> > Alan,
> >
> > Another idea! For some time now I've had a small engine on the bench with the
> > intention of using it to power a small generator. I bought it at a garage sale
> > for \$5; it's from a "Weed Eater". My thoughts were to have it run an
> > alternator from a small car. One of these days.....<whistle>....I'll get
> > around to trying it.
> >
> > 73 de Mike

Date: Mon, 12 Oct 1998 15:13:56 EDT
From: Robsparks@aol.com
To: qrp-1@Lehigh.EDU
Subject: [22117] AR-QRP Net Schedule
Message-ID: <50e595a6.362254f4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Following is a list of Arkansas QRP Club nets:

Monday Night	0030Z	3.560 mhz	N9ZZ	Bob AR-QRP #1 is NCS
Wednesday Night	0030Z	7.052 mhz	AB5ZD	Bob AR-QRP #277 is NCS

Non-members are welcome (and encouraged) to check in!

Date: Mon, 12 Oct 1998 14:17:38 -0500 (CDT)
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@Lehigh.EDU
Cc: cebik@utkux.utcc.utk.edu, 71544.1645@compuserve.com
Subject: [22118] Re: The World of QRP--Division or Unification?
Message-ID: <199810121917.0AA22530@okcforum.org>
Content-Type: text

L. B. Cebik, W4RNL (cebik@utkux.utcc.utk.edu) thought-provokingly observed:

> What joins QRP operators world
> wide is not a single item, but a kind of pervasive spirit that has many
> different emphases. For some, it is the building. For others, it is the
> operating challenge--or more correctly, challenges, since there are many
> kinds. For others, it is the camaraderie in the adventure of learning.
> And for still others, it is the opportunity to serve and share. Somehow,
> the very absence of a need to define our unity makes the unity stronger.

You know, these are the same things which join the ham community as a whole. There are two factors I can put my finger on which seem to emphasize these familiar aspects of our hobby, among QRP'ers:

--QRP'ers have re-discovered some of the lost secrets of amateur radio. When I became a ham in 1976, the ham community was pretty much wrapped up in the then prevailing belief that meaningful participation in the hobby was possible only after investment of at least a thousand, and better yet, several thousand dollars, in multi-band, multi-featured commercial QRO equipment. The re-discovery that this fun can be had by anyone willing to leverage a modest financial investment with investments in learning, work, enthusiasm and imagination has re-kindled the flames for many of us (myself included), and made QRP a wonderful area for newcomers to get the most out of ham radio. QRP has become a very fascinating aspect of amateur radio because the way we practice it embodies much of what has always made radio fascinating.

--Collaboration between some of the early QRP activists seems to have gained momentum at the perfect time to then merge into the blossoming of the Internet as a way to streamline collaboration between those who share any particular interest. The ability to coordinate efforts with multiple different groups, each with their own special interests and agendas, and the ease with which individuals may link into this participation make for a somewhat revolutionary environment for efficient impromptu cooperation. Those with an idea to explore can almost instantly identify and locate others who might wish to participate, and that same mechanism then also lubricates their interactions in executing the idea.

W4RNL then goes on to say:

> And I have a concern that sometimes excessive organization gets
> in the way of camaraderie, where a little organization here and there
> enhances camaraderie. Where may be the dividing line? One useful rule of
> thumb is to have just enough organization to get a job done--one that
> already needs doing--but not enough organization where the organization
> gets to invent or decide what needs doing.

This sounds to me like a very valid concern. As much as many of us appreciate the efforts of the ARRL, for instance, it is an example of an organization which is much more cumbersome than the looser organization of QRP'ers. Criticisms of "lurkers" aside, the fact is that much of the magic of what the QRP community is experiencing comes from the fact that each of us can feel so involved in what's going on. We all feel like we're on a first-name basis with the movers and shakers in this loosely knit community. Getting personally involved is only a step away. Traditional organizations were previous generations' answer to their need for the same type of communication and cooperation. To some extent, they can change with the times, but they're also limited by their very nature to a somewhat different, more hierarchical model of cooperation.

But then...let's re-read Russ' summary of his suggestion:

- > I have long believed that we show the symptoms of a strong
- > pent-up need for further global unification, or federation, of our
- > QRP enterprises, especially in the realm of information
- > creation and distribution.
- >
- > We seem to reflect a a strong central core of common
- > interests and impulses in this pursuit, but what can we do
- > to evolve this amazing activity to the next higher level
- > of achievement?

It really doesn't sound to me as if Russ is suggesting that we come up with some traditional "organization" designed to somehow be a super-coordinating clearinghouse for everything QRP. I think Russ instead is suggesting that we find a way to bring us all even closer together in our sharing of information, inspiration, efforts, and enthusiasm. While the technical achievements of the QRP community are impressive, even more impressive has been the way the QRP'ers have found ways to come together, and bring access to their way of doing things to Joe Ham, so that next year, Joe Ham may contribute to baking an even bigger, better pie, as well. Even the "lurkers" feel like they're more a part of the action--and that's a good thing. Getting even more of everyone involved in even more of everything that's going on, would be an even better thing. If a traditional "organization" isn't the answer...then I repeat Russ's question:

What can we do to evolve this amazing activity to the next higher level of achievement?

--Jim WB5UDE

Date: Mon, 12 Oct 1998 15:35:34 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [22119] PIXIE LM386 Supply Voltage Dropping Resistor. Why?
Message-ID: <21E06269B00ED111BE9B00805F6D0FA33F86D8@mailserver1.usaninc.com>
MIME-Version: 1.0
Content-Type: text/plain

Been doing some experimenting this weekend with a pre-amp/audio filter for my PIXIE. I had a 510 ohm dropping resistor in place feeding pin6 (bypassed with 440uf cap to ground) of the LM386. Before adding the pre-amp all signals sounded clean though not strong. I found on scope that with the new pre-amp a very strong signal into the LM386 would cause the current to increase and the effective voltage as the pin to drop. At the same time the audio in the headphones became more louder and started distorting. I understand the higher input signal causing more current draw by the chip but if I've got a stiff 9volt source why do I need a dropping resistor at all? I have reduced the resistor to 100 ohms and chip works FB for all the input signal range I can give it. The original PIXIE circuit had 1K ohm dropping resistor. Were the mixer output signals expected to be so low that the small current draw of the chip would not be significant to change pin6 Vcc? Any PIXIE experimenters or LM386 users have any explanation of the need of the by-passed dropping resistor?

Sam Billingsley AE4GX e-mail: sbillingsley@usaninc.com
Atlanta, GA

Inverted L, Butternut Vert, Isoloop, Parking Lot Portable Vertical(PLPV)

40mtrRamsey QRP+ HW7 HW8 HW9 NC38S Pixie(40mtr@150mw
8states)

NORCAL	2210	MI-QRP	1567	QRP-L	1033	ARCI	9356	AKQRP	308
GQRP	9660	ARS	269	NOGA			CQC	454	FISTS
5306									
ZOMBIE	273								

Date: Mon, 12 Oct 1998 15:37:47 -0400
From: jim nestor <nestoji@home.com>
To: qrp-1@Lehigh.EDU

Subject: [22120] HB PCBs
Message-ID: <19981012194132.AAA13410@cc652944-a.ewndsr1.nj.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

After lots of fiddling around and wasted materials, I've managed to produce a reasonable clean (yet simple) PCB layout, transfer it to the copper and etch it. I figure the job is about half done now. (nothing magic, just software, lazer toner, and ferric chloride --- and practice...and patience).

Remaining issues include: drilling, tinning, and solder masking. That's why I've come again to the QRP "Well of information".

I am using a Dremel mototool in a small drill press with a carbide PCB drill bit. For most moderate sized pads it's no problem to eyeball it and get a decent hole drilled. The problem is with the very small pads and precise alignment needed for ICs like PIC microprocessors. Any suggestions on how to line those puppies up?

I've got a baggy of Tinnit which should do the job, just haven't tried it yet. Anybody done that and have suggestions?

The last item is solder masking. Guess I can get by without it, but it sure is nice to keep down the blobs and bridges. What is that stuff the pro use on their PCBs? is there some kind of anti-solder paint I could apply with a small brush before or after I clean the etch resist off the pads?

So far, I've spend lotza \$\$\$ and time developing a process to make a PCB I could buy fo less than \$10. Ain't this fun?

72,

Jim,WK8G/2
nestoji@home.com

Date: Mon, 12 Oct 1998 14:43:30 -0500
From: Mike - W0TMW <crucis@sky.net>
To: ham@w3eax.umd.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22121] Re: Youth on the air
Message-ID: <36225BE2.65E6B774@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FYI... Rebecca is an Extra. She got it when she was 8! Made the papers and QST too! Mom and Pop are also hams and extras. The whole family is very well known around the Kansas City area.

Mike - W0TMW

Scott Rosenfeld [NF3I] wrote:

>
> Scott, N3BYY, and I made a late-night road trip last night and he got the
> privilege of operating the NF3I mobile QRP shack...
>
> He (under my call, but not that it made a difference because we're both
> Scott) had a contact with KB0VVT at about 15 wpm on 20m - Rebecca in
> Raytown, MO - and she's all of TEN YEARS OLD.
>
> Ham radio to the youth of the world...Internet and ham radio in parallel,
> the way it should be. Keep up the good work, everyone!
>
> Scott Rosenfeld ARS NF3I
> 301-549-1022 (h) 301-982-1015 (w)
> Burtonsville, MD
> ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

--

=====

Mike Watson, W0TMW	QCWA Mbr# 28651, MidContinent Chapter #35
Raymore, Missouri, USA	Grid: EM28st, ARS# 352, QRP-L# 1849 ARCI# 9647
http://www.sky.net/~crucis/linklist.htm	E-mail: crucis@sky.net

=====

Date: Mon, 12 Oct 1998 15:46:38 -0400
From: "Jim Fielden" <fielden@utkux.utcc.utk.edu>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [22122] Are these Kits still around?
Message-ID: <01bdf619\$070930a0\$5e12a980@galaxian>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All,

I was looking at some old reviews, and as always got to feeling as I had to try somethings out.

I'm wondering if anyone knows if these companys are still around before I send off a letter to them.

Lectrokit in Ohio,
624 Kits in SC,
CQ Radio Kits in ONT.

Thanks for any info.

72 * Jim, KU4QW - QRP-L # 1481 - G-QRP # 10117
fielden@utkux.utcc.utk.edu - FISTS # 5380 - QRP ARCI # 9789
<http://www.qsl.net/ku4qw/> - No-SSB International (tm) # 1,000,014

Date: Mon, 12 Oct 1998 13:09:21 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [22123] PCB drilling demystified...
Message-ID: <199810122006.NAA04494@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gangue,

I've cracked the code, folks! I've learned how to drill
pro-quality PCB holes -- very quickly! How does 50 holes
per minute sound :-) ?

Here's the story: You need three primary tools... a Dremel
moto tool, capable of 28,000 - 30,000 rpm, the Dremel
Drill Press stand accessory # 212 and carbide PC drill
bits -- not high speed steel bits. For drilling
glass-epoxy PC boards, the life-span of the carbide PC bit
is infinitely longer than high speed steel. (more on
ordering sources later) If you've never *seen* a PC drill
bit, here's what they look like: overall length = 1.5",
shank = 1/8", drill length (cutting bit portion) = 0.310"
(they're very short!). They are made to spin fast --
typically 50,000 rpm or greater! They look exactly like
something your dentist would use for a root canal

operation :- () !!

The drilling setup I now use is my trusty Dremel #270 moto tool spinning at about 27,500 rpm. The moto tool is mounted in the # 212 drill press stand -- I had to use some homebrew adapter rings because the #270 is an older model. The newer Dremel tools fit right into the #212 without adapters. Cinch up all the nuts and adjustments on the #212 to take out all possible slop.

Chuck a #72 or #60 PC bit in the Dremel and you're almost ready to go. The next critical step is to *hold* the PC board steady while drilling. You can use an inexpensive machinists vise (Chinese version = \$12.99) or, if your hands are steady, simply hand-hold the PC board atop an inverted Dannon (TM) plastic yogurt container (I'm serious!). If you want to be fancy and more accurate, get a Chinese X-Y Cross-Feed Vise for \$39.95 and you can dial-in your drill bit location.

Really Important Part: turn on the Dremel and position the *teeny-teeny* drill bit over the pad or location you wish to drill. When you drill the hole, think of the bit as a needle rather than a conventional drill bit. You are going to "poke" or "prick" the hole through the board in a swift and steady motion. The bit should *not* go through PC board by more than 1/8" -- then, quickly pull the bit out. Don't run the bit all the way in to its full length and then "chase" the bit in and out to clean the hole -- very bad. And, leaving the bit in the hole will cause heat to build up and you'll snap the bit like a match stick. Speed is the secret -- be quick and steady. Also, PC drill bits are *not* made for routing. Don't move the X-Y axis while drilling. The bits won't tolerate any lateral movement.

My take on the history of PC drilling attempts amongst hams is that few have ever tried proper bits at proper (high) speeds -- thus, many feel that they need to "egg beater" the holes with common Sears steel bits or they'll break the bit. In any event, many complain of bit life-span of 4 or 5 holes per bit. Those problems disappear when you switch to PC carbide bits at high speed. Example: I drilled the equivalent of a "Sierra" main board in 7.5 minutes using one bit! I believe I could drill all three boards for an Elecraft K2 in an hour! I could drill all the boards for an OHR-400 in an hour-and-a-half ! I'm not trying to establish bragging rights... I'm just encouraging you to try it :-) !

Want to drill an extra board for a friend? You can drill stacks of 2 or 3 boards in about the same amount of time as one board by using carbide bits.

Sources: PC carbide bits:

<http://www.harborfreight.com/cpi/taf/Displayitem.taf?itemnumber=34640> (This is Harbor Freight Tools carbide PC bit grab bag for \$9.95.) RE: Dremel tools and stands... everyone on this list has a Dremel tool, right? ;) All you need is the #212 drill press stand available at local tool stores, hobby shops, etc. So, your total investment is very little. Ten bux for bits. The #212 stand is about 40 bux or so.

Give it a spin! If you have questions... send me an email :-)

72 - Conrad Weiss - NN6CW

Date: Mon, 12 Oct 1998 16:11:39 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrpl_Submit (E-mail)" <qrpl-1@Lehigh.EDU>
Subject: [22124] RE: PIXIE LM386 Supply Voltage Dropping Resistor. Why?
Message-ID: <21E06269B00ED111BE9B00805F6D0FA33F8701@mailserver1.usaninc.com>
MIME-Version: 1.0
Content-Type: text/plain

After looking at the original PIXIE circuit I think I see the reason for the dropping resistor. It is tied via a diode to the keyed lead so will drop the voltage to the chip during TX. Looks like so sort of semi-muting capability. My diode is long gone so I guess I've answered my own question.

>>> snip >>>

> Been doing some experimenting this weekend with a pre-amp/audio filter for
> my PIXIE. I had a 510 ohm dropping resistor in place feeding pin6
> (bypassed
> with 440uf cap to ground) of the LM386.

>>>snip >>>

> I understand the higher input signal causing more current draw by the chip
> but
> if I've got a stiff 9volt source why do I need a dropping resistor at all?
> I have reduced the resistor to 100 ohms and chip works FB for all the
> input
> signal range I can give it. The original PIXIE circuit had 1K ohm dropping

> resistor. Were the mixer output signals expected to be so low that the
> small
> current draw of the chip would not be significant to change pin6 Vcc? Any
> PIXIE experimenters or LM386 users have any explanation of the need of
> the
> by-passed dropping resistor?
>
 >>>snip >>>

Sam Billingsley AE4GX Atlanta, GA

Date: Mon, 12 Oct 1998 13:28:43 -0700
From: "Radman" <radman@best.com>
To: <nestoji@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [22125] Re: HB PCBs
Message-ID: <199810122026.NAA02490@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim et al,

I believe I've solved this one....

>>>>I am using a Dremel mototool in a small drill press
with a carbide PCB
drill bit. For most moderate sized pads it's no problem to
eyeball it and
get a decent hole drilled. The problem is with the very
small pads and
precise alignment needed for ICs like PIC microprocessors.
Any suggestions
on how to line those puppies up?<<<<

I'd recommend some sort of "positioning table" for lining
up the holes. This will allow you to dial in the exact
position of your drill bit (within a few thousandths).
There are various imports available starting at about 40
bux. An example of a decent table can be found on URL:
<http://www.harborfreight.com/cpi/taf/Displayitem.taf?itemnumber=5979> (Harbor Freight)

Date: Mon, 12 Oct 1998 16:40:27 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [22127] NorCal 40A Help
Message-ID: <006401bdf620\$8e7599a0\$af5445c6@programs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello & sorry for the bandwidth,

A few months ago I had a computer crash and I lost an e-mail. So I hope who ever sent me the e-mail could you please send me another.

Someone has a NorCal 40A still in kit form collecting dust. They were going to look for it so I could buy it from them. If you were that person could you please e-mail me and let me know if you are still interested in selling the rig.

Thanks,
73 & Good DX,
Ron de WB3AAL wb3aal@talon.net

vvv Eastern PA QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern PA QRP #1

Date: Mon, 12 Oct 1998 16:58:49 EDT
From: Sachsarch@aol.com
To: qrp-l@Lehigh.EDU
Subject: [22128] Re: using whip ant's as dipole
Message-ID: <4558f2b2.36226d89@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Having trouble getting less than 3:1 SWR using two 20 meter pro-am whips as a dipole. Anyone done this and can give some dimensions? have fiddled with length of whip with little change. Can't contact manufacturer (defunct e-mail, etc)
marv, K2IPH

Date: Mon, 12 Oct 1998 13:44:23 -0700
From: "KE6VHM Frank" <ke6vhm@earthlink.net>
To: <w7ls@blarg.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [22129] Re: SMALL ENGINE (for use with generator?)
Message-ID: <005e01bdf628\$54e8a760\$030000004@f>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Delco Remy also has internally regulated alternators since the early 60's. and 14.2 volts is max voltage. There are 55 and 61 amp versions easily available in junkyards. They do make larger ones, but they are a little harder to find. A car battery is a great idea for capacitance and needed with the GM alt for strarting the alt. They work well this way. I have one I test about once a month just in case So Cal Edison has any problems. I have about 3 to 1 (motor to alt) belt drive and run the motor at 1500 rpm. Works fine and I mounted it all on an old Red Rider wagon so it is easy to move around. The wagon has a little dog house right outside the Shack / Den, keeps it handy and out of the weather. By the way any older auto manual will have the charging system drawing to follow. It is all very basic though, heck if you can build a radio, a charging system can't too difficult. EH?
72 all de Frank KE6VHM

Date: Mon, 12 Oct 1998 14:50:01 -0700
From: "Allan (Grant) Taylor" <k7gt@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [22130] LM386 question
Message-ID: <36227989.6B43@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All three of my little rigs have an LM386 audio stage. As it turns out, my hearing is just enough down so that the output level on one is not

quite sufficient at full bore (SST/40, in particular). I have read in QRPp and elsewhere of feeding the LM386 audio stage from the +12V supply directly rather than through the regulator to get more power out.

My question is this: if these amps have their gain controlled by a R-C string added between appropriate terminals, how is it that upping the supply voltage has any effect at all? Is it like putting dual exhausts on that old 57 Chevy? or is there indeed a significant increase in audio. If so, that's the obvious fix. If not, I will be working with the filter bandwidth and possible a 2nd audio stage.

Private replies, please. Let's leave lots of bandwidth here for the Foxhunt traffic.

--

73 de K7GT
Allan Taylor (a.k.a. Grant) Pleasanton CA
email: k7gt@qsl.net
web page: <http://www.qsl.net/k7gt/index.html>

Date: Mon, 12 Oct 1998 17:54:49 -0400
From: "Beaks" <beaks@westco.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [22131] Extra rigs FS--thanks
Message-ID: <004601bdf62a\$efea2200\$b54ff5cd@beaks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Index QRP++ and the Alinco HT have both been spoken for. I still have the Oak Hills 100A rig for 20 meters to sell/swap if anyone needs it. Thanks to all who replied.....most mail came concerning the little HT which I thought was interesting.
Again, thanks and 72
de Arch N8EAG Fairmont, WV

Date: Mon, 12 Oct 1998 15:54:52 MDT
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [22132] Update: Norcal 20 10K 10-turn Pot Group Buy

Message-ID: <19981012215502.8751.qmail@hotmail.com>
Content-Type: text/plain

Hello Again,

Here's the latest on the group buy of the 10K 10-turn pot for the NC20.

I found that we can get a better price on the BI Technologies version of the 10-turn pot. Since Dave AD6AY originally worked with the Spectrol, I'm holding off finalizing on this one (and the price) until Dave gets a chance to try one out to be sure it has the same quality as the Spectrol. He should have one in hand and have a decision on that by Thursday.

We're up to 168 total that we'll be ordering. If you're a fence sitter, sign up today -- if I can guarantee 200, I can get a little better price! We're only 32 away, so join in!

The goal is to finalize the price and have an announcement on or before Friday. For your budgeting purposes, I can say we'll come in at < \$8 / pot. I'm planning on just going with \$3 priority mail shipping regardless of quantity (as long as your don't order more than 3 pounds of potentiometers -- hmm, that would be around 48 by my calculations :-). I'm going to see if I can drop that down to \$2 or less for those who order a single pot, but that would go just First Class USPS in bubble-lined envelope. Those of you who are ordering a single pot, let me know if you have a strong opinion one way or the other. Anyway, the bottom line is that even at the \$3 Priority for a single pot, we'll save you at least \$2-\$3 over the shipped cost of what you could do on your own.

Finally, here once again is the latest list of those wanting to participate in the group buy. As usual, forward any corrections and/or changes to me with "group buy" in the subject somewhere.

Thanks & 72,

de Jerry W0MC QTH Fort Collins, CO QRP-L #800

Name, Call, Qty

Jerry Terres, AA10F, 1

John Harper, AA5YX, 2

Dick Schneider, AB0CD, 3

Dave Epps, AB5PC, 2
Gary Surrency, AB7MY, 3
Dave Fifield, AD6AY, 5
Andreas Junge, AD6FQ, 2
Al Gritzmacher, AE2T, 1
Sam Billingsley, AE4GX, 3
Walter Dufrain, AG5P, 2
Jim Larsen, AL7FS, 2
Mike Newbold, K0Y0, 1
Steve Elliot, K1EL, 1
Edwin Roswell, K2MGM, 2
Angelo Drammissi, K3YUN, 1
Tom Dooley, K4TJD, 2
Glen Reid, K5FX, 1
Tim Pettibone, K5OI, 1
Marv Fagenson, K6HCJ, 1
Bill Ross, K6MGO, 1
Mike, K6MW, 1
Allan G. Taylor, K7GT, 1
Stan, K7NUU, 2
Kaye, K8GZ, 1
Steve, K8IDN, 1
Rod Johnson, KA7Y0U, 2
Terry Bassett, KA9TXE, 2

Myron China, KB0LMQ, 2
Mike Rice, KB0NND, 3
Don Branflick, KB2SQT, 2
Jim Francoeur, KC1FB, 2
Matt Clark, KC6VSR, 1
David Brinkman, KC7ZDX, 2
Harold, KC9GL, 3
Mike Stapp, KE0WW, 2
Mason Meek, KE6IYU, 1
Bob Painter, KF6NKH, 1
Bob Cutter, KI0G, 1
Steve Schroder, KI0KY, 1
Phil Gage, KI0NY, 1
Mike Boatright, K04WX, 4
TERRY MYERS, KQ5U, 1
Steve Zahos, KR4S, 1
Jim Fielden, KU4QW, 2
Jim, KW3U, 3
Kim Kimura, N1MVU, 1
William B. Keane, N1NIK, 2
George Heron, N2APB, 3
Ken Newman, N2CQ, 1
TJ SKIP AREY, N2EI, 1
David Maliniak, N2SMH, 2

Bill Wetherill, N2WG, 1
Al, N2ZHS, 2
Lamar Derk, N3AT, 1
Alan Fryer, N3BJ,
Chris Cartwright, N3XRV, 1
Bill Cotter, N4ALG, 1
JERRY BROWN, N4EO, 1
Steve, N4EUK, 1
John L. Sielke, N4JS, 1
Brian K. Shiratsuki, N6SXT, 1
Doug Faunt, N6TQS, 1
Ralph L Irons, N7RI, 1
Bruce Prior, N7RR, 5
John Bohnert, N9KW, 2
Dave Gauding, NF0R, 1
Floyd Smithberg, NQ7X, 1
John Burnley, NU0V, 1
Dave Marling, VE1VQ, 2
Jim Lyons, VE2KN, 2
Robert W. Shaw, VE3SUY, 1
Brien Pepperdine, VE3VAW, 1
Earl Murphy, VE6EWM, 2
Pierre Constantineau, VE7JPC, 3
George F Franklin, W0AV, 1

Jim Rybak, W0KSD, 1
Jerry McCollom, W0MC, 2
Hal Bergeson1, W0MXY, 1
Mike Rioux, W1USN, 1
Tony Colaguori, W2GUM, 2
Joseph Trombino jr, W2KJ, 1
Gabe Sellers, W2ZGB, 2
Robert P. Okas, W3CD, 1
Bob Edwards, W4ED, 2
Sheldon Dunham, W40EL, 1
Rick Sealey, W4SEA, 2
David D. Meacham, W6EMD, 1
Dave, W7AQK, 3
Steve Sorrell, W8SFF, 1
Paul Christensen, W9AC, 1
Rick Weber, W9QZ, 2
Ray Johnston, WA2YGY, 3
Jerry Parker, WA6OWR, 1
Richard H. Neindorff, WB2RAR, 1
Alan A. Wheeler, WB4JJJ, 1
tom whalen, WB5QYT, 1
Barry Lenzer, WB6LDL, 1
Barry, WB6LDL, 1
John, WB6MFS, 1

Larry Cahoon, WD3P, 1

Jeff Greer, WD4ET, 1

Darrel, WD6BOR, 1

Paul Helbert, WV3J, 2

Mitch, WW4ML, 2

Ken Hanks, , 2

David J Adams, , 1

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 12 Oct 1998 16:55:28 -0500
From: "Stuart B.D. Hunt" <stuart001@ameritech.net>
To: w2bj@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22133] Re: QRP++ HELP
Message-ID: <36227AD0.A8503C45@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=x-user-defined
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Barry J Minsky wrote:

>
> I am having a problem with my QRP++ and would appreciate some advice.
> The rig is not holding its memories. When I turn it on, a whole new
> group of frequencies are in the memories, most of which are not in the
> ham bands. The mode resets to SSB even though I only use it on CW. The
> SCAF filter goes to 2400 even though I normally set it for 600. If I
> press the lower left button while turning the rig on, the default factory
> preset frequencies are in the memories.
>
> My first thought was the need for a new battery. I changed the battery
> which was in fact low. The problem persists. This problem does not seem
> to affect the operation of the rig. The receiver works well and I am
> getting out with the normal power. It is just annoying to have to reset
> everything whenever I use it.

>
> Does anyone have any advice for me?
>
> 72/73,
> Barry, W2BJ

Date: Mon, 12 Oct 1998 17:07:02 -0500
From: barry.p.keating.1@nd.edu
To: qrp-l@Lehigh.EDU
Subject: [22134] What is this component ???
Message-ID: <v03007801b2482bf4c674@[129.74.252.46]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

The small power supply (a PS-20 made by Icom) I use for my QRP unit was dropped by a taxi driver in Santiago. After I found that the power supply did not work, I opened it up and noticed that one of the components on the circuit board was broken.

The problem is, I don't know what the part is!

It looks like a medium size ceramic capacitor (about half the size of a dime). The circuit board is well marked and the marking for this component printed on the circuit board is:

--|||--

ZNRI

Written on the green casing of the component itself is:

271 K
F03

What is the component?

Barry Keating
WD4MSM
(retired N/T Fox)

Date: Mon, 12 Oct 1998 22:16:01 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22135] Butterflies/Pacificon and winds of change...
Message-ID: <36227FA1.388B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow Low Power Enthusiasts, what a great day it is!

Somewhere there is a butterfly whose wings generated the oft-mentioned hurricane. So I was a few minutes out to break and caught a Ham friend in the hall.

He has offered me a ride for SATURDAY, first 6 hours only and then go home. But he's got to clear this with the XYL first so keep them fingers crossed. My luck has changed (Thanks to the Nepali GOOD LUCK Tantra Totem!) Pay no attention to the man behind the curtain!! I AM OZ, THE GREAT And power-f-u-l...

Bah! Humbug! NOT!

Maybe this year I'll wear a WE6W Nametag? Gotta make one up someday... PVC?

So, from a 98% definately maybe CAN'T go, to a 75% CAN Go!!!

Luvn' it!

Cheers,
-Ed

Now somebody keep that butterfly from messing this up.....

--
72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 12 Oct 1998 18:23:59 -0400
From: "Laurent C. Lafond" <aa1qj@loa.com>

To: qrp-1@Lehigh.EDU
Subject: [22136] R U There?
Message-ID: <3622817F.26D@loa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

About a month ago, had a dialogue with someone who was going to put two HamSticks together for a Dipole....Was wondering if he ever tried it. And if so, how he made out.

If you are out there, please let me/us know. Sorry I lost your address.

Laurent AA1QJ

Date: Mon, 12 Oct 1998 15:23 -0700 (PDT)
From: wctrautfield@west.raytheon.com
To: qrp-1@Lehigh.EDU
Subject: [22137] 2 meter cw rigs
Message-ID: <0F0Q000A0CJK2SC@mail.hac.com>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=ISO-8859-1
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Hi Everyone

I am trying to help a friend who wants to get a 2 meter cw transceiver. He is not interested in FM or SSB. This fellow is on a very fixed income and so something inexpensive would help. It can be a finished product, a kit or a used radio. Roughly 5 watts would be nice. Is there such a radio? It does not seem that the folks who produce HF band cw kits crossover into the vhf bands with similar radios. Wonder if there is a market here? Anyway, if someone know of such a radio, please let me and the list know.

Now that I think of it, the R2/T2 that Kanga USA sells would probably do it though that is quite a project and a bunch of seperate boards, no vfo etc. Looking for the simple (but elegant)
Small Wonder/OHR/Norcal type radio. Also just now realized I did not look at Ten-Tec.

Much appreciation.

Curt
KE6CDC

Date: Mon, 12 Oct 1998 17:39:25 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: wctrautfield@west.raytheon.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22138] Re: 2 meter cw rigs
Message-ID: <3622851D.5A544F53@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

wctrautfield@west.raytheon.com wrote:

>
> Hi Everyone
>
>
> I am trying to help a friend who wants to get a 2 meter cw
> transceiver. He is not interested in FM or SSB. This fellow is on a
> very fixed income and so something inexpensive would help. It can be a
> finished product, a kit or a used radio. Roughly 5 watts would be
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> no vfo etc. Looking for the simple (but elegant)
> Small Wonder/OHR/Norcal type radio. Also just now realized I did not
> look at Ten-Tec.
>
>

Try Ten Tec transverter. Use 20 meter qrp rig as IF.
73 de Dave, N0IT

End of QRP-L Digest 1242

